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MCA Mobilization Program Subsystem (MOBPRO): Functional Description and Subsystem Design

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Through mobilization construction programming, the U.S. Army Corps of Engineers (USACE) is responsible for providing the facilities needed for the mobilization of the Army. To fulfill the requirement of a rapid response to a specific or changing mobilization scenario, USACE relies upon its mobilization and operations planning documents. There is no automated system now in place to allow for rapid compilation of scenario specific programming of construction projects. The Automated Mobilization Program Application Subsystem (MOBPRO) is being developed to support Military Construction, Army (MCA) programming required to ensure that mobilization is accomplished in a timely, financially responsible, and effectively scheduled manner.

This document reflects the required analysis and preparation of functional requirements and a subsystem design necessary to develop a mobilization project planning subsystem. The system is intended to allow end-users to prepare and define mobilization project plans during mobilization or mobilization exercises, regardless of the timing of other external budgeting, planning and programming cycles. Upon the Army's receipt of mobilization orders, the system will merge all active and mobilization projects into listings for evaluation, prioritization, and reprogramming by each installation, Major Subordinate Command, Major Army Command, HQUSACE and finally Headquarters, Department of Army.

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Through mobilization construction programming, the U.S. Army Corps of Engineers (USACE) is responsible for providing the facilities needed for the mobilization of the Army. To fulfill the requirement of a rapid response to a specific or changing mobilization scenario, USACE relies upon its mobilization and operations planning documents. There is no automated system now in place to allow for rapid compilation of scenario specific programming of construction projects. The Automated Mobilization Program Application Subsystem (MOBPRO) is being developed to support Military Construction, Army (MCA) programming required to ensure that mobilization is accomplished in a timely, financially responsible, and effectively scheduled manner.

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FOREWORD

This investigation was performed for the Directorate of Military Programs, Headquarters, U.S. Army Corps of Engineers (HQUSACE), under the Operations and Maintenance, Army (OMA) project "Data Traffic Management System (DTMS)." The HQUSACE Technical Monitor was John J. Sheehey III, CEMP-P.

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1.1 Purpose of Functional Description

This is a Functional Description for the Military Construction, Army (MCA) Automated MOBilization PROgram Application Subsystem (MOBPRO) to be developed as a module of the Construction Appropriations Programming, Control and Execution System (CAPCES). The purpose of this description is to provide the system requirements and serve as a basis for mutual understanding between the proponent and the developer. Also, functional requirements, preliminary design and impacts on operation and procedures will be discussed.

1.2 Project References

Contract DACA88-86-D-0019, Delivery Order #1, Task #1

AR 415-15, selected citations

AR 415-15, Figures 3-1 and 3-4

1.3 Terms and Abbreviations

ACE   -   Assistant Chief of Engineers

ADP   -   Automated Data Processing

AMOPS   -   Army Mobilization and Operations Planning System

CAPCES   -   Construction Appropriations Programming, Control and Execution System

CEMP-P   -   Corps of Engineers, Programming and Execution Support Office

CEMOPS   -   Corps of Engineers Mobilization and Operation Planning System

CRRC   -   Construction Requirements Review Committee

DAPM   -   USACE Program Manager's Office

FOA   -   Field Operating Agency

FYP   -   Five Year Program

HQDA   -   Headquarters, Department of the Army

LRCP   -   Long Range Construction Program

MACOM   - Major Command

MAR   -   Mobilization Annex Report

MCA   -   Military Construction, Army

MOBPRO - Automated <u>MOB</u>ilization <u>PRO</u>gram Application Subsystem or Mobilization Program Subsystem

MPL - Mobilization Project List

MSC - Major Subordinate Command

MYPLAN - Automated <u>M</u>ulti<u>Y</u>ear <u>PLAN</u> Application Subsystem

PAX - Programming, Administration and Execution System

USACE - United States Army Corps of Engineers

1.4 Explanation of Terms

The Construction Appropriations Programming, Control and Execution System (CAPCES) is a principal component of the Programming, Administration and Execution System (PAX). CAPCES is an automated information system which primarily supports planning, budgeting, and execution of Military USACE construction programs. CAPCES provides support for the Military Construction, Army (MCA) and other military construction programs to all levels of the Army. This includes installations, Major Subordinate Commands (MSCs), Major Commands (MACOMs), the MCA Programming and Execution Support Office (CEMP-P) as well as the Construction Requirements Review Committee (CRRC), the Assistant Chief of Engineers (ACE), U.S. Army Corps of Engineers (USACE), and the Headquarters staff of the Department of the Army (HQDA).

The Automated Multiyear Plan Application Subsystem (MYPLAN) is a component subsystem of the CAPCES. It provides automated methods for preparing, reviewing, and approving the Five Year Program, the Long Range Construction Program and the Mobilization Project List. MYPLAN is electronically interfaced with the CAPCES and the DD Form 1391 Processor.

The DD Form 1391 Processor is another interactive component of the PAX environment. It is designed to assist in the preparation and review of the DD Form 1391, a required document of record for each military construction project. The DD Form 1391 contains specific information used in the designing, cost estimating, contracting, and construction management of the project.

SECTION 2 - SYSTEM SUMMARY

2.1 Background

Through mobilization construction programming, the U.S. Army Corps of Engineers (USACE) (the Corps) is responsible for providing the facilities needed for the mobilization of the Army. If the Corps is to successfully support a mobilization, the following four requirements must be met.

First, USACE must be adequately pre-positioned to respond quickly to a mobilization order. This requires prior planning of construction programming for mobilization. Mobilization programming must be "on the shelf," ready to be used when needed to the maximum extent possible.

Second, USACE must be able to modify the pre-planned programming to respond to specific and changing mobilization scenarios without delaying the execution of the mobilization construction.

Third, mobilization alters USACE's normal requirements for planning, programming, and budgeting for projects (authorizations and appropriations of funds). Nevertheless, all statutory requirements must be satisfied by mobilization construction programming just as by peacetime programming.

The fourth requirement is to accomplish the mobilization construction in a fiscally responsible fashion. USACE must use the resources available with maximum efficiency towards the needs of the mobilization missions. This will require that USACE quickly locate and retrieve funds from peacetime projects that may be terminated during mobilization.

In order to satisfy the pre-planning requirement, the Corps h~ ~ developed a Mobilization and Operations Planning System (CEMOPS). CEMOPS, a planning ( )cument, includes guidance for creating a listing of projects required by each installation, MSC, and MACOM for mobilization. As is stated in AR 415-15:

> Specific missions that Army elements must perform during mobilization are provided in guidance documents from HQDA, such as Army Mobilization and Operations Planning System (AMOPS), Mobilization Troop Base Stationing Plan (MTBSP), and Army Guidance. Installations and MACOMs must identify the facilities needed to meet this responsibility during the MCA program development process. Army guidance documents contain programming guidance for preparing and submitting annual mobilization construction requirements. There are three groups of mobilization projects.
>
> (1) Those funded through MCA and designed and constructed before the mobilization order is received (Group I).
>
> (2) Those designed before, but possibly constructed after mobilization orders are received (Group II).
>
> (3) Those designed and constructed after mobilization, but planned and coordinated before mobilization orders are received (Group III).

The list of mobilization projects included in Groups II and III that is produced annually is called the Mobilization Project List (MPL). The MPL is presently collected and compiled through the Automated MultiYear PLAN Application Subsystem (MYPLAN), which runs in the PAX system. MYPLAN is discussed in further detail under Present Methods and Procedures, Section 2.3 of this document.

Each year, the multi-year planning (MYPLAN) submission is made from the installation, through the MSCs and MACOMs, to the USACE program manager's office (DAPM). All projects required for mobilization are included in either the MPL, the MACOMs' Five Year Program (FYP), or the MACOMs' Long Range Construction Program (LRCP). Mobilization projects in Group I that can be funded in the FYP are placed in the FYP. During times of fiscal constraint, these projects normally must also serve some peacetime purpose. Mobilization projects in Group I that cannot be funded in the FYP are placed in the LRCP. This means that no Group I projects are included in the MPL. Nonmobilization projects are coded as Group 0, and are also never included in the MPL. All non-mobilization and Group I mobilization projects are placed in either the FYP or the LRCP. All Group II and Group III projects are placed in the MPL.

In addition to placement in the programming listings for program development each year, mobilization projects must have a DD Form 1391 submitted/filed electronically to support authorization and appropriation for funding. Both the MYPLAN and DD Form 1391 submissions are made in data processing systems on PAX in accordance with AR 415-15 and Volume II of the Army Guidance. With all such submissions in place prior to mobilization, USACE has the necessary "on the shelf" pre-built programming that will allow it to react quickly to a mobilization order.

To fulfill the requirement of a rapid response to a specific or changing mobilization scenario, USACE also relies upon its CEMOPS. There is no automated system now in place to allow for rapid compilation of scenario-specific programming of construction projects. Although MYPLAN provides much of the functionality described above, it is presently not suitable for use as a mobilization exercise subsystem. This is discussed in section 2.3 of this document, Present Methods and Procedures.

Mobilization in itself alters statutory and regulatory requirements but does not relax statutory requirements for funding and programming (reprogramming) of military construction projects. Although in times of mobilization there are authorities granted by 10 USC 2808 to the Secretary of Defense (and other laws as may be applicable) to fund urgent mobilization construction requirements from available funds, the Army must still receive Department of Defense approval and provide information for the Department of Defense to notify Congress in accordance with 10 USC 2808.

In order for the Army to fiscally support the reprogramming required for a mobilization, construction will be halted on many peacetime projects that do not support mobilization requirements. The appropriated funds recoupable from such terminated projects may then be reprogrammed by the Army for mobilization needs. Since newly appropriated funds or reprogrammed funds from other appropriations are not guaranteed to be forthcoming, the recoupable MCA funds represent the most reliable and quickest source of funding for previously authorized and/or unappropriated mobilization projects. Therefore, during mobilization the identification and collection of recoupable funds from terminated projects is of great importance to the success of USACE efforts.

This document reflects the required analysis and preparation of functional requirements and a subsystem design necessary to develop a mobilization project planning subsystem. The system is envisioned to allow end-users to prepare and define mobilization project plans during mobilization or mobilization exercises, regardless of the timing of other external budgeting, planning and programming cycles.

2.2 Objectives

The primary objective of a mobilization program subsystem is that the system must allow the Army to quickly start mobilization construction in a financially responsible and effectively scheduled manner. Upon the Army's receipt of mobilization orders, the system must merge all active and

mobilization projects into listings for evaluation, prioritization, and programming by each installation, MSC, MACOM, HQUSACE and finally HQDA.

The subsystem must also support USACE's District/Division Offices in their analysis of the fiscal consequences of completing, cancelling, or accelerating each project that has been authorized and appropriated but has not been transferred to the installation. Ultimately, the system must produce reports integrating the results of the prioritization and financial analysis processes described above. These reports will illustrate the amount of mobilization construction that can be financed within available MCA funding. The amount of additional funding required to complete all construction requested by the installations and the MACOM's will also be displayed in these reports.

Upon receipt of the mobilization order from the Army, it is the goal of CEMP-P to complete the prioritization and financial analysis within 48 hours, with the involvement of installations, MSCs, MACOMs, District/Divisions, and HQDA (CRRC). The mobilization subsystem shall support this requirement.

The mobilization subsystem must be formalized and documented. In the past, many hours have been spent re-training and re-learning the mobilization processes due to the infrequency of mobilization exercises. This duplication of learning effort delays the Army's response and dilutes the participants' attention to a mobilization or exercise. By utilizing systems already familiar to the staff, with minor modifications to support mobilization, much of that learning curve can be removed from the cycle. In addition, by basing the mobilization subsystem on existing systems, development of the subsystem can be made significantly more timely and cost effective.

2.3 Present Methods and Procedures

There is no existing automated procedure for the engineer support of a mobilization or mobilization exercise. Presently, the system relies on manual and unofficial procedures for reviewing, prioritizing and merging the project costs at the MSC, and MACOM levels. The most recent exercises have not included strenuous testing of these processes, but rather have focused on the execution at the Headquarters level.

The present method for supporting a mobilization exercise is generally outlined in CEMOPS (an extension of AMOPS). The required capability is not presently supported by any specific Automated Data Processing (ADP) system. However, PAX does provide ADP tools which are used by the present systems including CAPCES (MYPLAN) and the DD Form 1391 Processor which can be readily adapted to mobilization requirements.

MYPLAN, a component subsystem of the CAPCES system, provides automated methods for preparing, reviewing, and approving the Five Year Program, the Long Range Construction Program, and the Mobilization Project List. This data is maintained in common data fields in CAPCES and the DD Form 1391 Processor. Both are electronically interfaced with MYPLAN. MYPLAN has the ability to establish new projects within CAPCES and the DD Form 1391 Processor simultaneously, for MCA, Non-Appropriated Funds (NAF), Defense Medical Facility Program Office (DMFO) and Army Family Housing (AFH) projects.

The existing MYPLAN software contains many of the functions required by a mobilization subsystem. Once a year, at the beginning of a MYPLAN cycle, the MYPLAN database is loaded with data from CAPCES. MYPLAN interfaces interactively with the DD Form 1391 Processor System. It allows review and prioritization of projects by personnel at three command levels (installation, MSC, and MACOM). It supports the addition of projects not yet in the database at any of these levels. It automatically creates skeletal DD Form 1391 in the DD Form 1391 Processor for every project in

MYPLAN which does not have a corresponding Form in the Processo.. At the end of a MYPLAN cycle, the CAPCES data is updated with the results of the MYPLAN exercise.

2.4 Proposed Methods and Procedures.

The MYPLAN System currently facilitates the preparation and submission of the Multi-Year Plan for Army construction. It interfaces with the CAPCES and DD Form 1391 Processor Systems and has the ability to handle program review, new project creation, and presentation of pre-planned mobilization programs. Therefore, it is the starting point for a Mobilization Program Subsystem (MOBPRO).

However, requirements for mobilization discussed earlier not supported by MYPLAN are:

- The need to support the District/Division Offices in their task of developing and reporting financial information on each active project

- The accessibility of project data to personnel other than those participating in the MYPLAN system

- The requirement that regular, peacetime program submission be unaffected by a mobilization exercise and that the process directly affect peacetime operations in the event of a mobilization

- The ability to modify pre-planned programming and to react to shifts in command chain alignment in response to specific and changing mobilization scenarios

- The capability to produce timely reports on project and cost data

- The need to complete a mobilization activity in a limited time frame

- The ability to alter PAX System priorities to favor mobilization activities

- The ability to keep Districts/Divisions as well as installation Engineering and Housing Directorates (DEHs), MSC's, MACOMs and HQDA informed of the status of programs at all times

- The ability to direct work to Districts/Divisions on a global basis with speed and efficiency

- The documentation of a process to support a remote operations center operating as MOBPRO System Manager, in the event the System Manager is inoperative

- The documentation of the procedure for system protection in regions considered vulnerable in mobilization conditions

Summary of Proposed Mobilization Procedures:

1. RECEIVE GUIDANCE: The MOBPRO System Manager (CEMP-P) receives mobilization guidance from HQDA.

2. INITIATE MOBPRO: CEMP-P initiates the loading of the MOBPRO database(s) from CAPCES. All active projects (authorized and appropriated but not yet transferred to the installation) and all pre-planned mobilization projects are loaded.

3. INITIAL REPORTS: Each District/Division Office uses the MOBPRO reporting function to pull an initial listing showing all projects under their jurisdiction. The system provides information to both the Direct Support (DS) and General Support (GS) districts. (The districts charged with peacetime military construction (MILCON) execution provide direct support to installations within assigned military boundaries and are called Direct Support (DS) districts. Districts with "civil works only" missions are called General Support (GS) districts.) Simultaneously, each installation receives a listing of all MOBPRO projects for which they are responsible. The lists include both active projects and pre-planned mobilization projects.

4. TRANSFER OF RESPONSIBILITY: The MOBPRO database shall include data fields for each project that identifies the installation, MSC, MACOM, and District/Division (both direct and general support) which is responsible for reviewing that project. These fields are loaded at the beginning of the mobilization using information available from CAPCES. After initiation, MOBPRO allows the System Manager to change these fields in the event that a scenario renders it necessary to reassign the responsibilities of a particular installation, MSC, MACOM, or District/Division. For example, when District/Division Office A, having the responsibility for projects within its boundary, is unable to perform its function, the system shall permit assignment of these projects to District/Division Office B in addition to its own projects.

This ability to transfer responsibility is a modification to the MYPLAN function of passing authority away. In a mobilization situation, passing authority might not be possible. The MOBPRO system will allow a transfer of responsibility for the program at one station/MACOM to any other station/MACOM.

5. RECOUPABLE FUND ESTIMATES: Each District/Division Office reviews each active MCA project and determine the amount of recoupable funds (if any) which could be made available upon termination of the project. These estimates are based upon anticipated receipt of termination orders within two (2) weeks. District/Division offices submit this information to the MOBPRO System Manager.

6. IDENTIFYING REQUIREMENTS: While the District/Division Offices determine recoupable funds, the installations make decisions regarding cancellation, termination, continuation or acceleration of each ongoing project, based on the specific scenario. The installations also determine which of the pre-planned mobilization projects and what totally new projects are needed. The MOBPRO system must allow for the addition of these new projects.

For all required projects (added, completed, or accelerated), a relative priority is assigned by the installations. Installations must also update the descriptive information for any of their projects, as required.

7. MSC/MACOM PRIORITIES: As the installations complete their review and prioritization task, they submit their prioritized program to the MSC or MACOM. The MSC or MACOM produces a report listing all projects under its control, showing the dispositions and priorities assigned by the installations. The MSC or MACOM reviews the installations' lists and develops a single prioritized list for all of the projects within its jurisdiction. This list is then submitted to HQDA (the MOBPRO System Manager).

In the MYPLAN system, until this submission occurred, a MACOM/MSC could not prioritize a project because it was "owned" by the lower command. In MOBPRO, the System Manager or the MACOM may force an installation's or MSC's program up to the next higher level for processing in emergency cases to meet mobilization deadlines.

8. USACE QUERY STATUS: Throughout the installations, MSCs, MACOMs and HQDA review and prioritization process, the District/Division offices must be kept informed of the proposed programs. District/Division offices will periodically print MOBPRO reports to keep themselves appraised of the potential workload requirements.

9. HQDA PRIORITY LIST: When the MACOMs submit their priority list, the MOBPRO System Manager provides the Office of the Assistant Chief of Engineers (DAEN-ZCP-A) with MOBPRO information to permit HQDA (CRRC) to develop a single DA priority list.

10. IDENTIFY FUNDS TO BE RECOUPED: The MOBPRO System Manager (CEMP-P) matches the District/Divisions offices recoupable funds reports with MACOM reports identifying active MCA projects to be terminated. The result is a list of projects to be terminated (when approved by reprogramming request) and total estimated dollars available to be recovered from ongoing work. (The projects identified to be terminated act as input to a Mobilization Annex Report (MAR) to Districts and Divisions.)

11. IDENTIFY ESTIMATED AVAILABLE MCA FUNDS: Using the amount of funds identified as recoupable, the MOBPRO System Manager will add the apportioned, undistributed MCA funds and the unapportioned funds to produce an estimated total funds available.

12. INITIAL REPROGRAMMING REQUEST: Using the DA priority list and the total a/ailable fund estimate, CEMP-P issues a reprogramming request for authority to redirect available funds to the Army's top priority mobilization projects.

13. SECOND REPROGRAMMING REQUEST: Immediately after the Initial Reprogramming Request is approved, the MOBPRO System Manager will initiate a request for additional funds (from unspecified sources) and authorization to proceed with acquiring the remainder of the Army's mobilization construction requirements. (Similar, additional requests will be initiated for unforeseen mobilization requirements.)

14. DIRECT MOBILIZATION CONSTRUCTION PROGRAM: Upon receipt of approval of the initial reprogramming request, the Mobilization Annex Report (MAR) will be produced and made available to all USACE FOAs, MACOMs, MSCs, and installations. Project Management Division (CEMP-M) will issue a message directive to USACE FOAs directing compliance with the MAR. This report/ message serves to direct design, construction, termination or acceleration of the mobilization program to the District/Division offices and reports the mobilization program status to engineers throughout the Army. Classified keywords will be used in all reports to identify project disposition. The classified keywords will be contained in AMOPS and the Engineer Operation Center (EOC) will issue a classified message to all USACE FOAs during the mobilization exercise.

2.4.1 Summary of Improvements

The proposed Mobilization Program Subsystem (MOBPRO) includes the following improvements over the current methods and procedures:

1. Integration of all activity required to support mobilization into one automated system.

2. Automated support to all the mobilization participants in their assigned duties, rather than exercising only the Headquarters personnel.

3. Ability to assign, record, and track recoupable funds from cancelled projects.

4.   Accessibility by all participating parties (including installations, MSCs, MACOMs, District/Divisions, CEMP-P, CRRC, ACE, etc.) to all projects affected by the hostilities or exercise.

5.   Availability of automated reports for tracking the status of projects, programs and/or funding for the mobilization or exercise.

6.   Facilitates execution of initial mobilization activities in a limited time span (target: 72 hours).

2.5   Assumptions and Constraints

It is proposed that at the beginning of mobilization, the MOBPRO database will be loaded from project data stored in the CAPCES Project Monitoring Master File (PMMFILE). This assumes that the project data in CAPCES is correct, up-to-date, and complete. If it is not, then one of the requirements of a successful mobilization, prior planning of construction programming, is not fulfilled. Without adequate prior planning, a greater burden is placed on the participants during the mobilization itself. The identification of a substantial number of projects not pre-programmed, or significant modification required of project data that is not current, may severely jeopardize the feasibility of completing mobilization within the targeted 48 hour window.

MOBPRO would require a Security Table similar to the one presently maintained in MYPLAN. It is proposed that a separate MOBPRO Security Table be loaded from the current one in MYPLAN. This would provide a logical starting point for the security setup. However, additional entries will be required for personnel from District/Divisions, CRRC, ACE, and other organizations not currently represented in MYPLAN Security, who need access to the Mobilization Subsystem. By creating a separate security monitor in MOBPRO, responsibility for projects can be altered in response to a mobilization scenario without affecting the normal peacetime security system maintained in MYPLAN.

In order to comply with the statutory requirements for adding new projects to the project list, MOBPRO must interface with the DD1391 Processor System. MOBPRO will need access to the current DD Form 1391 Processor files to retrieve information when adding MOBPRO projects not loaded from CAPCES but which exist in the Processor. In addition, there must be a parallel set of DD Form 1391 data files to contain the mobilization data so that it does not interfere with the normal operation of the DD Form 1391 Processor System.

SECTION 3 - ENVIRONMENT

3.1 Equipment

The Mobilization Program Subsystem (MOBPRO) will be supported by the PAX Hardware configuration. The system is supported by the TYMNET Communications System making it available to all MOBPRO users world wide. The system also supports X.25 interfaces for high speed transmission and links to other processors where required.

The mainframe support is provided by a 32 megabyte IBM 3083JX system. The system provides 800, 1600, and 6250 BPI 9-track magnetic tape drives for use through Storage Technology Corporation (STC) Model 3450 and 3650 tape units. The system provides at least 9 billion characters of accessible on-line DASD storage through IBM 2305-2 drums, STC 3350 Disc Drives and Memorex 3350 and 3330-11 disc drives. Output is provided through IBM 4245 Printers. The system is supported by an IBM 2540 Reader/Punch. The communications network consists of over 3,000 nodes and 10,000 public access ports. It supports 1.2, 2.4, 4.8, 9.6 KBS communications at all sites and 19.2, 56, and 160 KBS for major transmission requirements.

The computer system is sufficiently large that MOBPRO will require no new mainframe equipment.

The user interface for the system will be through IBM compatible personal computers (PCs) or American Standard Code for Information Interchange (ASCII) terminals. Each user who needs access to the system will be required to have access to the Input/Output (I/O) terminals listed above plus some print capability. Two personal computers will be needed for developing the system.

3.2 Support Software Environment

MOBPRO will use the latest release and maintenance level of the Virtual Machine/SP operating system enhanced with the IBM Conversational Monitor System (VM/CMS).

The following vendor supplied software shall be available for use by this system: FOCUS. The following standard software packages shall also be available: XEDIT, FORTRAN, COBOL, SQL/DS. The system will use the latest available version of each software package.

3.3 Interfaces

MOBPRO shall interface with the other PAX systems, CAPCES and the 1391 Processor currently resident on the same hardware. The data transfer requirements are a selection of a subset of data and a later updating of these systems based on data entered into the MOBPRO systems. All interfaces are automatic. The security considerations and format for data transfer are discussed in other sections of this document.

3.4 Security

MOBPRO will supply multiple levels of confirmation to ensure the authority of the request for access. If any item of verification fails, the access will be denied. For successful access to the system each user must enter a valid user-ID, the correct password associated with the user-ID, and an authorized Project Code. The control of access to programs and data files is authorized by read/write disk passwords. Access to the system can be denied to selected users or groups of users through lock-out capabilities.

The system must be operated in a controlled access facility. Employee entrance must be controlled and employees must wear identification badges. All visitors must be badged and escorted while at the facility.

The databases will have two back-up copies: one on-site for immediate recovery, and the other one in an off-site data storage vault.

3.5 Controls

MOBPRO shall use several means of control. The system will have budget, disk allocation, and Central Processing Unit (CPU) usage controls based on each user-ID. These controls will be in place during both batch and interactive processing. The system shall be capable of collecting and displaying information concerning the date and time a data file or program was accessed and written, and must state the size, format and number of records in the file. The system will maintain counts as to record selected from other files, records that update other files, and control totals between different programming modules.

SECTION 4 - DESIGN DETAILS

4.1 General Operating Procedures

The Mobilization Program Subsystem (MOBPRO) will be an interactive system with geographically dispersed users accessing a centralized processing environment. Telecommunication functions will interconnect hundreds of workstations and personal computers to the existing PAX time-sharing system.

The Database Management System (DBMS) to be used for MOBPRO is Information Builder's Incorporated FOCUS release 5.04 or later. FOCUS provides special facilities for restart/recovery in the event of system and/or application processing failures. More detailed information can be found in the FOCUS documents. A User's Manual will be available for reference before system deployment.

The system is initiated through an EXEC that can only be run from the MOBPRO System Manager's user-ID. The Initial Load program allows the MOBPRO System Manager to initiate MOBPRO. This will create and populate a new database from CAPCES.

The user first logs onto the computer and is placed at the PAX control level. From the PAX environment the user selects the CAPCES system, and then the MOBPRO option, which transfers control to the MOBPRO Main Menu program. This control program sets up the disk environment for the user's virtual machine and sets the user defaults to establish the user's terminal type and printer choice. A main menu is then displayed. Only the functions a user is authorized to use will be displayed. Among the functions available on MOBPRO are:

> -INITIALIZE Database
> -ADD a Project
> -MODIFY a Project
> -MODIFY Write Authority
> -MODIFY Secondary User Authority by Project Code
> -REPORTS
> -EXIT MOBPRO
> -LOGOFF

The MOBPRO database will be initialized upon demand by CEMP-P, the MOBPRO System Manager. The Installations and Districts will produce their initial reports, and review the projects within their Area of Responsibility based upon the mobilization scenario identified by the CEMOPs codes. The Installations will update the status and priority for each project, and then submit their MOBPRO projects to their MSC or MACOM. The MSC will follow the same procedure as the installation in submitting their MOBPRO projects to their MACOM. The MACOMs will consolidate, review, and submit their MOBPRO projects to the Department of the Army Program Manager. At the same time, the Districts/Divisions will produce their initial reports, and review the projects within their areas of responsibility. The amount of funds to be recouped from each project if it were to be terminated will be identified. The Program Manager will then review the Army Engineers priority input in relation to the Corps of Engineers budget information and determine which projects should be terminated or accelerated, how many projects can be funded with recoupable funds, and the amount of any additional appropriation requests.

4.2 System Logic Flow

The overall logic flow for the MOBPRO system and the inputs and outputs are shown in Figure 4.1. The main processes are initialize the database, change authority, update the database, and perform

4-1

financial analysis. The Initialize process loads the MOBPRO database from CAPCES, and can only be run by CEMP-P. The Change Authority process allows an installation to pass authority to its MACOM or another installation, and allows CEMP-P, MACOMs, MSCs, or Divisions to withdraw authority from a disabled user. The Update process produces the reports, allows Districts/Divisions to identify recoupable funds, and allows Installations, MSCs, and MACOMs to enter project priorities and statuses. It also allows for the creation of new construction projects based upon the mobilization scenario. Users can display and print reports for review at any time during the Mobilization exercise. The Financial Analysis module provides DA level reports, aids in developing budget requests, and creates an input file into Mobilization Annex Report (MAR).
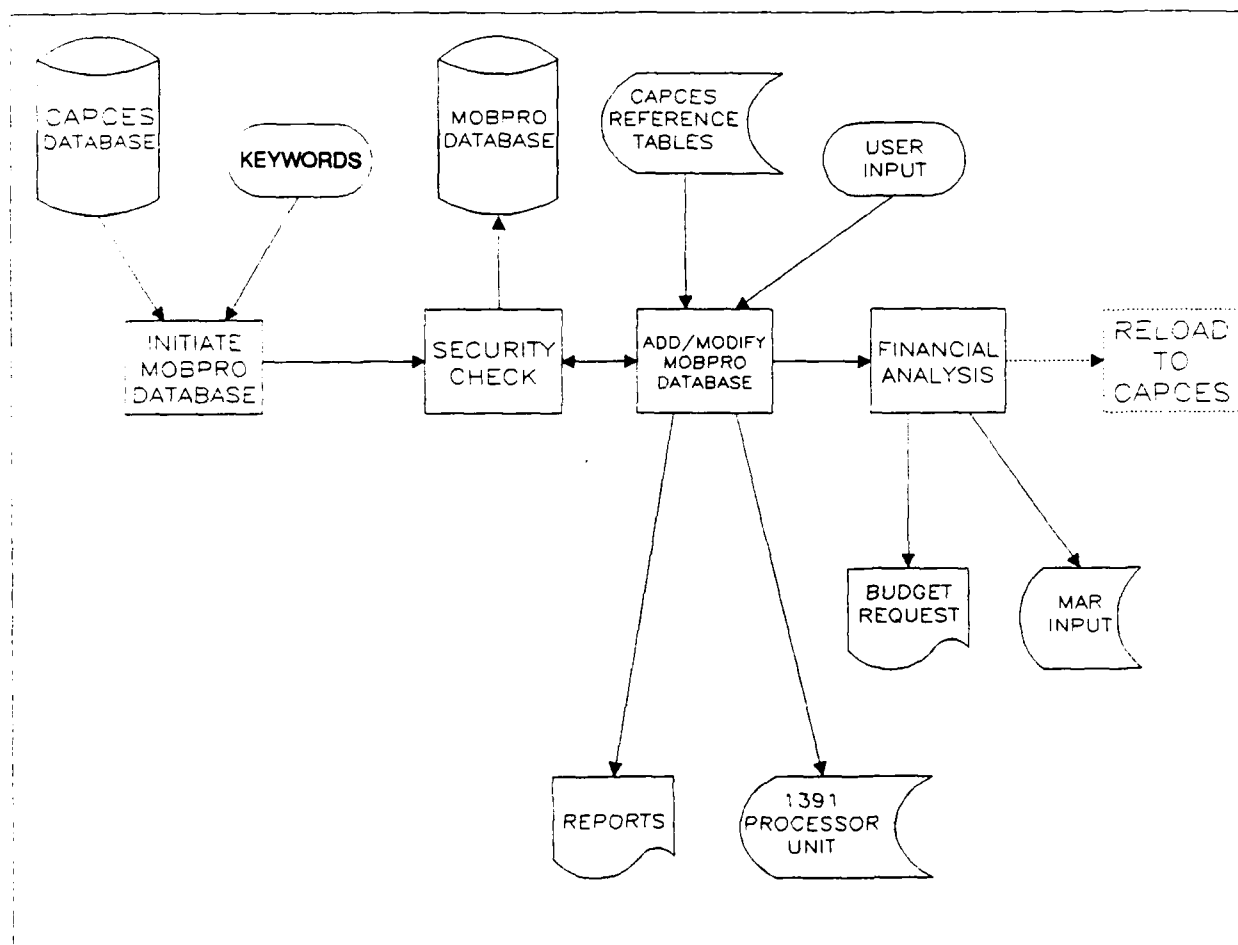
Fig. 4.1   MOBPRO System Flow

4.3 System Data

The principal data sources for MOBPRO are the users (Installation. MSC, MACOM, HQDA, District, Division) and the Construction Appropriation Programming, Control and Execution System (CAPCES), and the DD1391 Processor automated system. System data is grouped into two classes:

- Project Data - data relating directly to a specific construction project. The primary source for this data is the CAPCES system, although users will be allowed to enter new projec's.

- Support Data - data contained in various reference tables that are used for validation and access to Project Data. Includes routing data which designates approving/reviewing authority for all installations, MSCs, etc.

4.3.1 Inputs

As described above, primary input to the MOBPRO system comes from the CAPCES system. All construction projects which are designated as groups II or III are loaded from CAPCES. Keywords will be entered interactively and used as an edit criteria in selecting projects from CAPCES. The codes will also aid the user in determining project priorities. Users will interactively enter project status and priorities. Districts and Divisions will interactively enter the amount of recoupable dollars for each project.

4.3.1.1 Data Elements

The MOBPRO database will require the following data elements to be downloaded from CAPCES. In addition it will reference the Installation Table, the Division/District Table, and Category Code Table in CAPCES. The detailed data elements descriptions for the elements can be found by referencing the CAPCES Data Element Definitions in the Computer Applications Data Element Tracking Subsystem (CADETS) on PAX.

CAPCES TABLE	Element	Field	Length
MAIN	Key number	KEYNR	13
	Installation	INST	5
	Fiscal Year	FY	2
	Major Command Code	CMDC	2
	Program Code (funds)	PRCD	2
	Original Using Service	ORIG_USVC	2
	Site Code	SITE_CODE	5
	Category Code 5	CATCD5	5
	Command Priority Number	CMD_PRI	5
	Division/District Code	DD_SORT_CD	2
	Project Description	PROJECT_DESC	26
	Current Scope	CURR_SCOPE	9
	Type Funds	TYPE_FUNDS	1
	Mission Code	MISSION	1
	Mobilization Group	MOB_GROUP	1
ZCPPFILE	Unit of Measure	UM	2
	Program Amount	PROG_AMT	8
	Constr. Directive Amount	CON_DIR_AMT	13(2)
	Construction Standard	CON_STD	1

	Replacement Indicator	REPLACE_CODE	1
ZCP2FILE	Form Number	FORMNO	7
	Mobilization Priority	MOBPRI	5
	Mobilization District	MOB_DIST	2
	Late Start Date	LSD	5
	Required Occupancy Date	ROD	5
AMPERS1	Design Percent	DES_PERCENT	3
	Current Working Estimate	CWE_AMT	8
MPCAFILE	Design Code	DIRCD	1

The following fields will be created and stored on the database:

Project Disposition	1
Recoupable Funds	13(2)
Working totals for money amounts	13(2)
Working totals for counts	10
Security code for user authority	8

4.3.2 Outputs

Primary outputs are the reports that list all projects for which a user is responsible. The end results of the MOBPRO process are budget requests for Congress to reprogram funds and appropriate additional funds. In addition, the system produces the Mobilization Annex Report directing the design, construction, termination, or acceleration of specified projects.

4.3.2.1 Proposed Reports

The reports to be produced and a list of the data fields on each are described below. Descriptions of the data elements used for input and/or output are provided in Section 4.3.1.1. Sample outputs are in Appendix A, Sample MOBPRO Reports.

1. All MOBPRO Projects: This is the initial report. It is created based upon user-ID, and will only display the projects the user is responsible for and will include the following fields: installation name, fiscal year, ownership level, form number, project number, project description, program code, type funds, current working estimate, MACOM priority, MSC priority, installation priority, category code 5, scope, unit of measure, construction standard, design standard, PDIP category, mission, replacement indicator, original using service, mobilization group, site code, subtotal by fiscal year, subtotal by installation, subtotal by MSC, subtotal by MACOM, MSC name, and MACOM name.

2. Submittal Summary Report (by District/Division) including MACOM name, MSC name, installation name, project category, current owner, and number of projects.

3. MOBPRO Primary and Secondary Userid Report containing primary PAX user-ID, command name, and secondary PAX user-IDs.

4. MOBPRO Priority Status Summary Report containing MACOM name, program type, ownership level, count of projects with priority not required, count of projects with priority entered, count of projects to cancel, count of projects with priority missing, count of accelerated projects, count of total projects, and cancel count.

5. Recoupable Funds Summary Report (by District/Division).

6. Mobilization Annex Report (MAR).

4.3.3 Database

The database design is in accordance with the specifications for FOCUS. This allows the most efficient interface with CAPCES and the 1391 Processor. FOCUS contains features and functions for data definition, data manipulation (inclusion, deletion and update), data retrieval (reporting) and allows data access either interactively or by stored procedure. FOCUS also contains facilities for data recovery and security. File maintenance and initial load programs will be written in COBOL.

4.4 Program Descriptions

The MOBPRO system is composed of four sections. A description of the computer programs within each section follows. The programs fall into one of four groups: Initialize Database, Processing, Financial Analysis, and Security.

4.4.1 Initial Load Programs (Figure 4.4.1)

- MOB70P:
    Checks user-ID, displays MOBPRO Initial Load menu.

- MOB01P:
    Accesses CAPCES database, selects records that meet requirements of mobilization, fiscal year, usable monies. Loads records into MOBPRO database.

Fig. 4.4.1   Initial Load
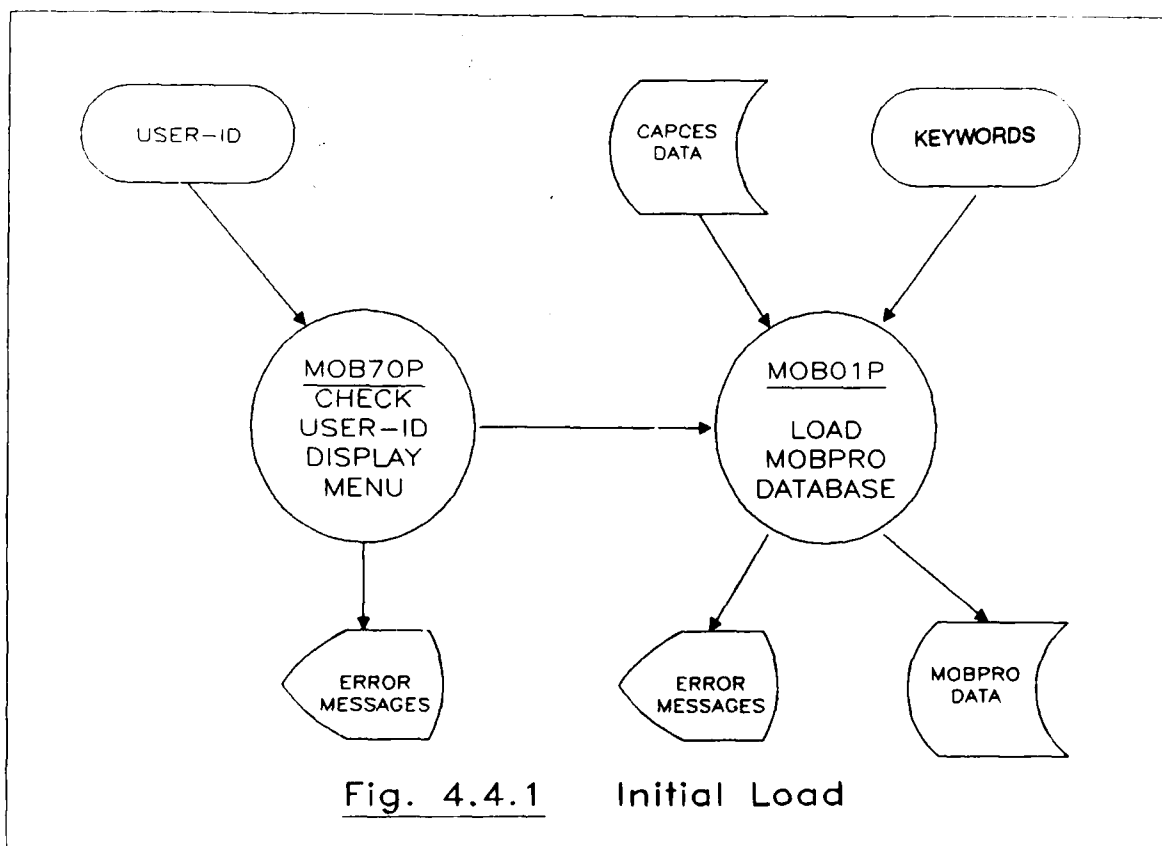
4.4.2 Processing Programs (Figure 4.4.2)

- MOB05P:

Creates report showing all projects a user is responsible for. Creates initial reports, and reviewing reports after responsible fields have been updated.

- MOB10P:

Prompts district/division to input/modify the recoupable funds field.

- MOB15P:

Prompts the installation or parent organization to add or modify a project priority or status.

- MOB20P:

Adds projects to MOBPRO, calls FROMY to access the 1391 database to retrieve data if 1391 exists if MOBPRO is live, creates a DD1391 if none exists.

- MOB30P:

Allows users to submit their records to the next higher level, thereby relinquishing their authority to further change those records.

- MOB70P:

Checks user-ID against security tables, determines which units (installations) the user is authorized to process.
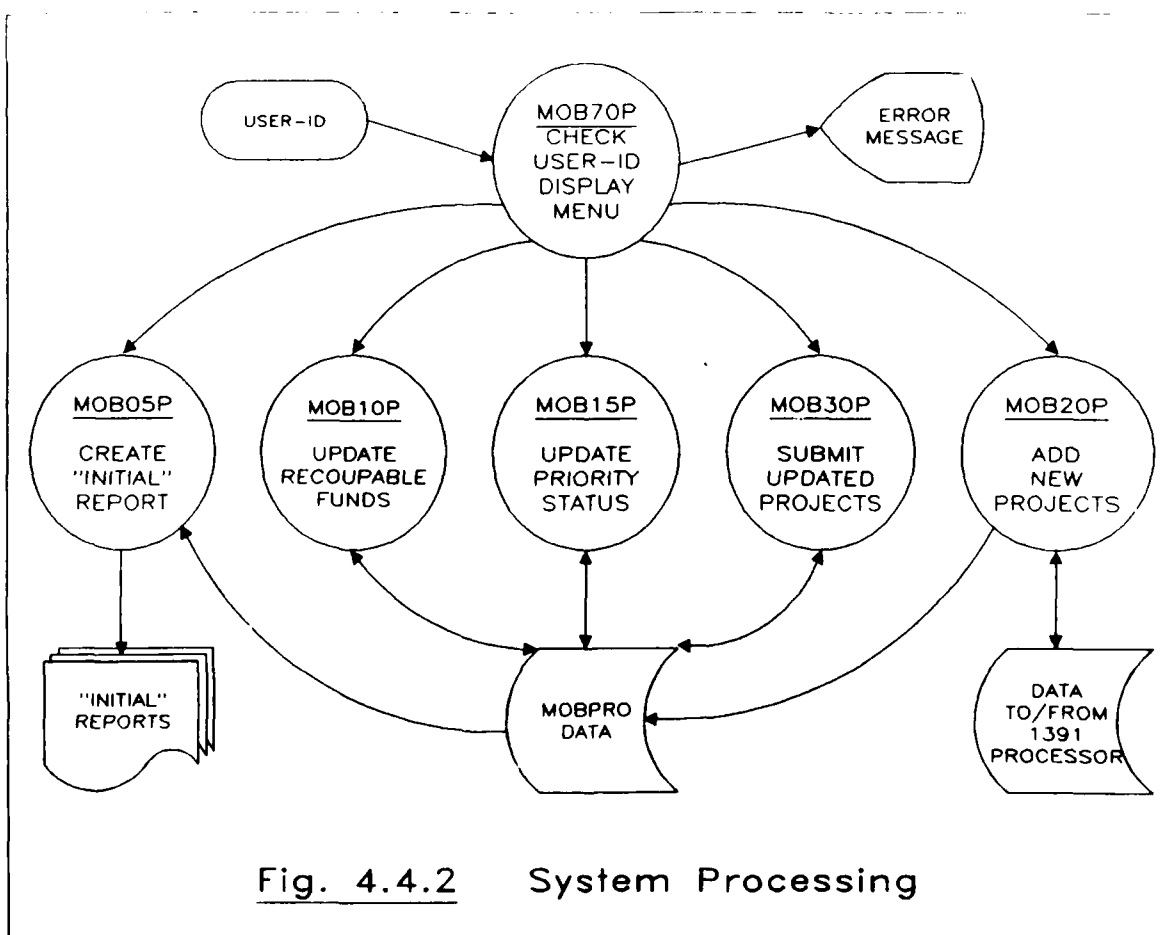
Fig. 4.4.2   System Processing

4.4.3 Financial Analysis Programs (Figure 4.4.3)

- MOB40P:

  Creates the submittal report for the Districts/Divisions showing status of submission by the Army engineers.

- MOB45P:

  Cut-off line report for HQ, showing rolled up priority list, and the total dollar cut-off line that can be paid for with recoupable funds.

- MOB50P:

  Prints out MOBPRO primary and secondary userid report, showing original and actual authority.

- MOB55P:

  Creates the recoupable fund summary report.

- MOB60P:

  Creates a report identifying projects required for mobilization, shows total program amount required, amount available through reprogramming, and addition funds needed.

- MOB65P:

  Creates a report identifying project status (design, construction, terminate, accelerate) during mobilization. Identify by District/Division.
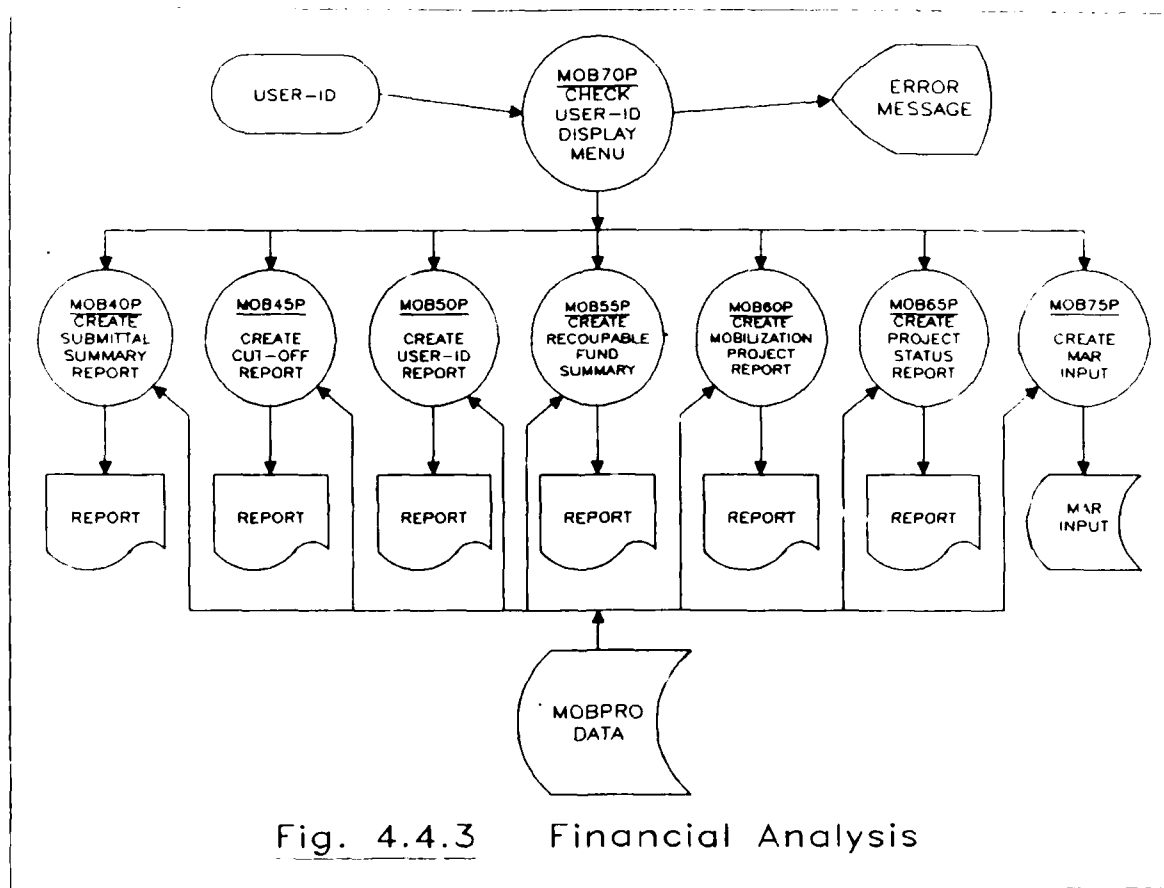
Fig. 4.4.3   Financial Analysis

- MOB70P:

  Checks user-ID against security tables, determines which units (installations) the user is authorized to process.

- MOB75P:

  Creates Mobilization Annex Report.

4.4.4 Security Programs (Figure 4.4.4)

- MOB25P:

  Allows users to give write authority of their records to next higher level of authority. Allows an installation to give write authority to another installation. Allows CEMP-P or a MACOM to take authority from a user and pass it to another user, either laterally or hierarchically. Updates security tables to show giving and receiving users.

- MOB70P:

  Checks user-ID against security tables, determines which units (installations) the user is authorized to process.

Fig. 4.4.4   Security
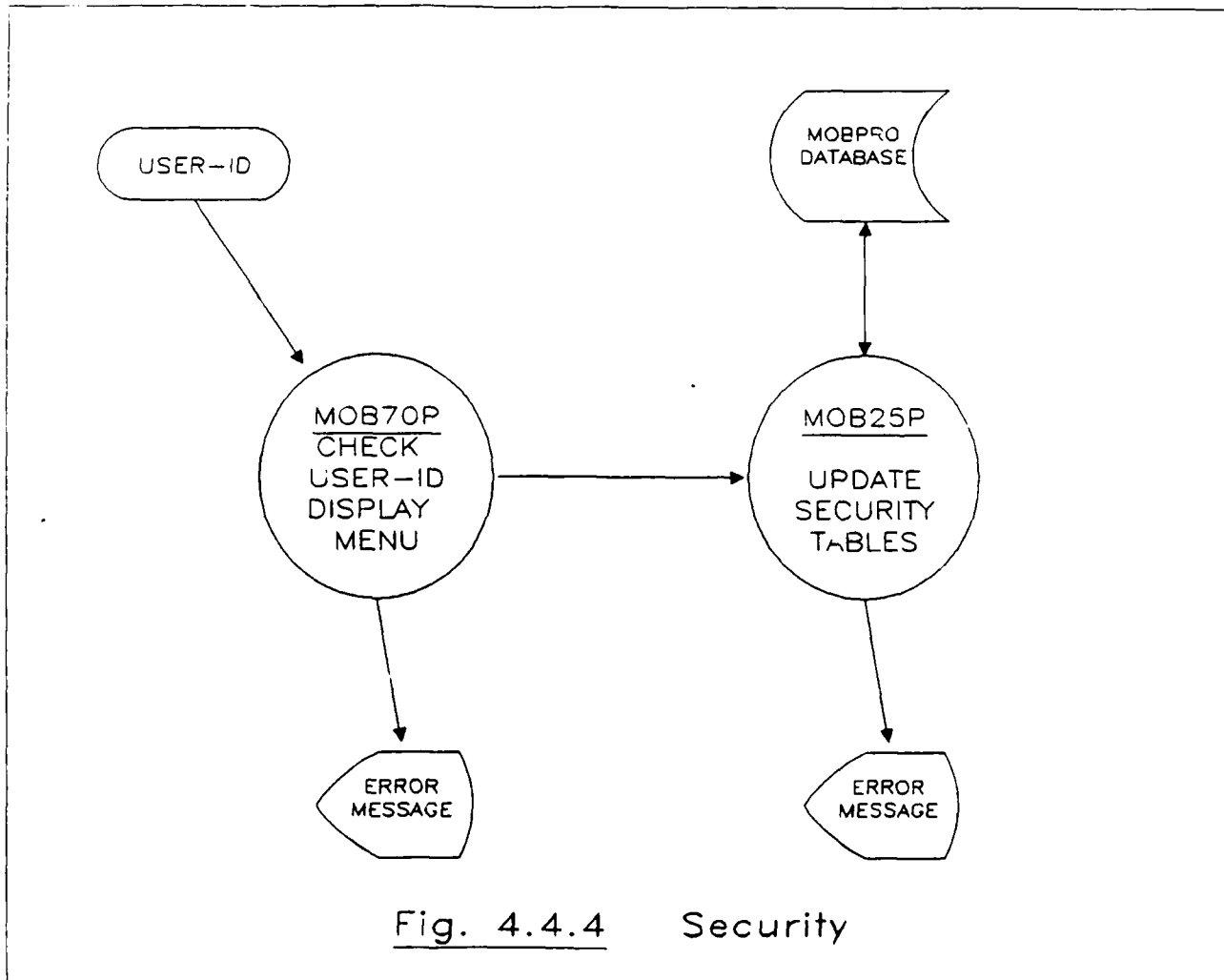
APPENDIX A

SAMPLE PROPOSED MOBPRO REPORTS

(BASED ON EXISTING MYPLAN REPORTS)

All Multi-Year Plan Projects for USAREUR
Current as of 11/02/88 at 14.37.32

O Form FY	Project L Number	Project Number	Project Description	PR T CD F	CMD Pri CWE Pri	MSC Pri	Inst Pri	Categ Cod S	Scope UM	Cn Da St St PDIP	R Usg M C Svc	Mob Grp	C F	Site Code

MAJOR COMMAND: 42 - USA EUROPE & SEVENTH ARMY

MAJOR SUBORDINATE COMMAND: N/A - NO MSC LISTED

INSTALLATION: GEANO - Ansbach Mil Cmty

| 90 1 09817 | 909817 | GUEST HOUSE KATTERBACK | NA 2 | 3,700 | | | 74035 | 0 SF P | N 7S17 1 1 42 | 0 | X | GE43T |

SUBTOTAL FOR FY 90   3,700

| 92 1 14577 | 9145770 | YOUTH CENTER-CRAILSHM | NA 2 | 650 | | | 74066 | 6,000 SF S | 897B 1 1 42 | 0 | | GE14T |

SUBTOTAL FOR FY 92   650

| 93 1 15021 | 9150210 | AUTO SKILL DEV CTR ANS | NA 2 | 600 | | | 74024 | 0 SF S | 7S17 1 1 42 | 0 | | GE54K |

SUBTOTAL FOR FY 93   600

SUBTOTAL FOR INSTALLATION Ansbach Mil Cmty   4,950

INSTALLATION: GEABO - Aschaffenburg Mil Cmty

| 91 1 16679 | 9166790 | HEAT CTRL ECIP - ASCHAFFEN | MA 1 | 580 | | | 80000 | 0 LF S | 7S17 3 4 42 | 0 | | GE04K |

SUBTOTAL FOR FY 91   580

| 92 1 10991 | 9109910 | AUTO CRAFTS CTR ASCHAFF | NA 2 | 630 | | | 74024 | 0 SF S | FL71 1 1 42 | 0 | | GE31R |

SUBTOTAL FOR FY 92   630

SUBTOTAL FOR INSTALLATION Aschaffenburg Mil Cmt   1,210

INSTALLATION: GEACO - Augsburg Mil Cmty

| 89 1 15492 | 9154920 | COMM WRSE ADD-AUGSBURG | NA 2 | 2,350 | | | 74021 | 26,190 SF S | 3Q7Q 3 1 42 | 0 | | GE04B |
| 1 28812 | 9288120 | BR EXCHG - REESE BARRACKS | NA 2 | 1,150 | | | 74050 | 5,800 SF 2 | FL7I 1 1 42 | | | GE71F |

SUBTOTAL FOR FY 89   3,500

SUBTOTAL FOR INSTALLATION Augsburg Mil Cmty   3,500

INSTALLATION: GEKHO - Bad Kreuznach Mil Cmty

A-2

All Multi-Year Plan Projects for USAREUR
Current as of 11/02/88 at 14.37.32

O Form L FY	Project Number	Project Description	PR T CD F	CMD Pri Pri	MSC Pri Pri	Inst Categ Cod 5	CWE	Scope UM	Cn Ds St St	PDIP	M	C	Svc	Grp	F	Site Code
92 L	26334 9263340	GUEST HOUSE BAD KREUZ	NA 2			74035	2,910	0 SF	S	FL7I	1	1	42	0		GE06B
		SUBTOTAL FOR FY 92					2,910									
93 L	26049 9260490	MULTIPURP FAC BAD KREUZ	NA 2			74069	3,270	0 SF	S	7S17	1	1	42	0		GE03N
		SUBTOTAL FOR FY 93					3,270									
		SUBTOTAL FOR INSTALLATION Bad Kreuznach Mil Cmt					6,180									

INSTALLATION: GEBAO - Bamberg Mil Cmty

O Form L FY	Project Number	Project Description	PR T CD F	CMD Pri Pri	MSC Pri Pri	Inst Categ Cod 5	CWE	Scope UM	Cn Ds St St	PDIP	M	C	Svc	Grp	F	Site Code
90 L	14628 9146280	GUEST HOUSE BAMBERG	NA 2			74035	3,000	28,400 SF	S	7S17	1	1	42	0		GE26P
		SUBTOTAL FOR FY 90					3,000									
		SUBTOTAL FOR INSTALLATION Bamberg Mil Cmty					3,000									

INSTALLATION: GEBHO - Baumholder Mil Cmty

O Form L FY	Project Number	Project Description	PR T CD F	CMD Pri Pri	MSC Pri Pri	Inst Categ Cod 5	CWE	Scope UM	Cn Ds St St	PDIP	M	C	Svc	Grp	F	Site Code
90 L	11510 1346000	BARRACKS W/ADMIN-BITBURG	MA 1			72112	5,300	252 PN	P N	FL6E	1	1	42	0	X	GE614
1	11903 1357000	GP HQ BLDG-BITBURG	MA 1			14182	1,450	10,000 SF	S 6	FL6E	1	1	42	0		GE614
1	11910 1347000	TACT EQUIP SHOP-BITBURG	MA 1			21410	2,050	7,764 SF	S 6	FL6E	1	1	42	0		GE614
1	24288 9242880	MWR STADIUM-BAUMHOLDER	NA 2			75060	920	1 EA	P	4T6C	2	1	42	0		GE07K
		SUBTOTAL FOR FY 90					9,720									
LR L	28813 9288130	SHOPPING CENTER	NA 2			74053	5,900	1 SF	2	DA3G	1	1	42			GE79D
		SUBTOTAL FOR FY LR					5,900									
		SUBTOTAL FOR INSTALLATION Baumholder Mil Cmty					15,620									

INSTALLATION: GEDAO - Darmstadt Mil Cmty

O Form L FY	Project Number	Project Description	PR T CD F	CMD Pri Pri	MSC Pri Pri	Inst Categ Cod 5	CWE	Scope UM	Cn Ds St St	PDIP	M	C	Svc	Grp	F	Site Code
89 L	24159 9241590	COMMUNITY CLUB-BABENHSN	NA 2			74046	1,900	15,000 SF	S	A044	1	1	42	0		GE05C
		SUBTOTAL FOR FY 89					1,900									
		SUBTOTAL FOR INSTALLATION Darmstadt Mil Cmty					1,900									

INSTALLATION. GEFKO - Frankfurt Mil Cmty

All Multi-Year Plan Projects for USAREUR
Current as of 11/02/88 at 14.37.32

FY	O Form L Number	Project Number	Project Description	PR T CD F	CME Pri	CMD Pri	MSC Pri	Inst Pri	Categ Cod 5	Scope	UM	Cn St	Ds St	PDIP	R M	C	Usg Svc	Mob Grp	C F	Site Code
			SUBTOTAL FOR INSTALLATION Karlsruhe Mil Cmty		0															

INSTALLATION: GEW10 - Wildflecken Mil Cmty

FY	O Form L Number	Project Number	Project Description	PR T CD F	CME	Categ Cod 5	Scope	UM	Cn St	PDIP	R M	C	Usg Svc	Mob Grp	C F Site Code
95	1 15486	9154860	REROUTE TANK TRAIL PB II	MA 1	5,300	85150	1	SY	S	7S17	1 1	42	0		GE95D
	1 16525	9165250	RG 9A MOD-WILDFLECKEN	MA 1	2,100	17912	1	EA	P	7S17	3 4	42	0		GE95D
	1 26271	9262710	UPGD LASER RG-WILDFLECKEN	MA 1	3,500	17989	1	EA	P	897B	3 1	42	0		GE95D
	1 26273	9262730	TRNG TRP BILLETS-WILDFLECK	MA 1	8,600	72114	1	PN	P	897B	3 1	42	0		GE95D
	1 26274	9262740	PAVE TANK TRL NE-WILFLECKE	MA 1	6,000	85110	1	SY	P	897B	3 4	42	0		GE95D
	1 26275	9262750	RAPID RNWY REP-WILDFLECKEN	MA 1	1,000	17983	1	EA	P	897B	3 1	42	0		GE95D
	1 26276	9262760	SWIM SITE-WILDFLECKEN	MA 1	3,000	17964	1	EA	P	897B	3 1	42	0		GE95D
	1 26277	9262770	MOUT FAC-WILDFLICKEN	MA 1	4,000	17923	1	EA	P	897B	3 1	42	0		GE95D
	1 26278	9262780	TRNG TRP BILLETS K-WILDFLE	MA 1	8,600	72214	1	PN	P	897B	3 1	42	0		GE95D
	1 26279	9262790	PAVE TANK TRL-NW-WILDFLECK	MA 1	4,200	85110		SY	P	897B	3 4	42	0		GE95D

SUBTOTAL FOR FY 95   46,300

| 99 | 1 27279 | 9272790 | TANK TRAILS | MA 1 | 4,200 | 85150 | 1 | SY | P | DA3G | 3 2 | 42 | 0 | | GE95D |

SUBTOTAL FOR FY 99   4,200

SUBTOTAL FOR INSTALLATION Wildflecken Mil Cmty   50,500

SUBTOTAL FOR MAJ SUB-CMD 7TH ATC   440,111

SUBTOTAL FOR MAJ COMMAND USA EUROPE & SEVENTH A 4,480,346

Prioritized Submittal Report for Baumholder Mil Cmty, GE
at INSTALLATION GEBHO
Current as of 11/02/88 at 15.16.28

Inst Prl	Inst Prl	Cmd Prl	O Form FY L	Form Number	Project Number	Project Description	PR CD	Usg Svc	MSC	Ins	CWE	Categ Cod 5	Scope	UM	Mob Grp	Site Code

Projects which do not require priorities follow:

89	1			13579	1423000	FAC MOD-PHIV-SMITH BKS	MA	42	42B	GEBHO-Baumhldr MC	10,800	85210	60,760	SF	0	GE79D
89	1			15207	9152070	COMM WHSE-BAUMHOLDER	NA	42	42B	GEBHO-Baumhldr MC	1,750	74021	23,636	SF	0	GE79D
90	1			11510	1346000	BARRACKS W/ADMIN-BITBURG	MA	42	N/A	GEBHO-Baumhldr MC	5,300	72112	252	PN	0	GE614
90	1			11903	1357000	GP HQ BLDG-BITBURG	MA	42	N/A	GEBHO-Baumhldr MC	1,450	14182	10,000	SF	0	GE614
90	1			11910	1347000	TACT EQUIP SHOP-BITBURG	MA	42	N/A	GEBHO-Baumhldr MC	2,050	21410	7,764	SF	0	CE614
90	1			24288	9242880	MWR STADIUM-BAUMHOLDER	NA	42	N/A	GEBHO-Baumhldr MC	920	75060	1	EA	0	GE07X

Long Range unprioritized projects follow:

LR	1			04810	0002000	MORALE SPT FAC-BAUMHOLDER	NA	42	42B	GEBHO-Baumhldr MC	1,150	74065	12,500	SF	0	GE79D
LR	1			14583	9145830	PB RENOV BAUMHOLDER	FH	42	42B	GEBHO-Baumhldr MC	2,843	71145	96	FA	0	GE07X
LR	1			17022	9170220	ATTIC CONVER BAUMHOLDER	FH	42	42B	GEBHO-Baumhldr MC	1,717	71145	24	FA	0	GE07X
LR	1			22284	9222840	ATTIC CONVER BAUMHOLDER	FH	42	42B	GEBHO-Baumhldr MC	1,550	71145	22	FA	0	GE07X
LR	1			26753		FIRE STA RELOC-SMITH	CD	42	42B	GEBHO-Baumhldr MC	940	73010	1	SF	0	GE79D
LR	1			27307		SKILL DEV CTR-STRASSBURG	CD	42	42B	GEBHO-Baumhldr MC	860	74024	1	SF	0	GE81J
LR	1			28813	9288130	SHOPPING CENTER	NA	42	N/A	GEBHO-Baumhldr MC	5,900	74053	1	SF		GE79D

Projects that still require prioritization follow:

91	1			14858	9148580	TACT SHOP-BAUMHOLDER	MA	42	42B	GEBHO-Baumhldr MC	10,200	21410	129,813	SF	0	GE79D
93	1			18385	9183850	VEH MAINT SHEDS-STRASSBURG	MA	42	42B	GEBHO-Baumhldr MC	5,700	44262	0	SF	0	GEB1J
94	1			14715	9147150	VEH MAINT SHEDS-SMITH	MA	42	42B	GEBHO-Baumhldr MC	7,500	44262	0	SF	0	GE07N
94	1			26747	9267470	PHYSICAL FIT CTR-SMITH	MA	42	42B	GEBHO-Baumhldr MC	2,400	74034	1	SF	0	GE79D
95	1			14921	1346000	FAC MOD UTILITIES	MA	42	42B	GEBHO-Baumhldr PC	4,250	80000	0	LF	0	GE79D
95	1			24150	9241500	TACT EQUIP SHOP-SMITH	MA	42	42B	GEBHO-Baumhldr MC	4,645	21410	1	SF	0	GE79D
95	1			24151	9241510	TACT EQUIP SHOP-SMITH	MA	42	42B	GEBHO-Baumhldr MC	7,800	21420	0	SF	0	GE79D
95	1			25647	9256470	TACT EQUIP SHOP-SMITH	MA	42	42B	GEBHO-Baumhldr MC	5,300	21410	26,596	SF	0	GE79D
95	1			23715	9257150	FAC MOD IX-SMITH	MA	42	42B	GEBHO-Baumhldr MC	5,720	85210	1	SY	0	GE79D
95	1			26154	9261540	FE CONSOL SHOP-SMITH	MA	42	42B	GEBHO-Baumhldr MC	590	21410	1	SF	0	GE79D
95	1			26748	9267480	PHYSICAL FIT CTR-NEUBRUECK	MA	42	42B	GEBHO-Baumhldr MC	2,550	74034	1	SF	0	GE57V
95	1			26749	9267490	TACT EQUIP SHOP-HOPPSTAEDT	MA	42	42B	GEBHO-Baumhldr MC	1,600	21410	1	SF	0	GEB1J
95	1			26750	9267500	PHYSICAL FIT CTR-STRASSBUR	MA	42	42B	GEBHO-Baumhldr MC	2,700	74034	21,500	SF	0	GEB1J
95	1			26751	9267510	ARMY ED CTR-SMITH	MA	42	42B	GEBHO-Baumhldr MC	3,600	74025	1	SF	0	GE79D
95	1			26752	9267520	LIBRARY-SMITH	MA	42	42B	GEBHO-Baumhldr MC	3,200	74041	1	SF	0	GE79D
95	1			2677D	9267700	CMTY ACTY CTR-SMITH	MA	42	42B	GEBHO-Baumhldr MC	3,700	74022	1	SF	0	GE79D
95	1			26771	9267710	FE WAREHOUSE-SMITH	MA	42	42B	GEBHO-Baumhldr MC	2,650	44275	1	SF	0	GE79D
95	1			26772	9267720	TACT EQUIP SHOP-NEUBRUECKE	MA	42	42B	GEBHO-Baumhldr MC	2,700	21410	1	SF	0	GE79D
95	1			26773	9267730	VEH MAINT SHEDS-SMITH	MA	42	42B	GEBHO-Baumhldr MC	9,200	44262	1	SF	0	GE79D
95	1			26885	9268850	CHILD DEV CTR-NEUBRUEKE	MA	42	42B	GEBHO-Baumhldr MC	1,900	74014	1	SF	0	GE57V
95	1			27308	9273080	SKILL DEV CTR-NEUBRUECKE	MA	42	42B	GEBHO-Baumhldr MC	1,150	74024	1	SF	0	GE57V

MYPLAN Submittal Recap for USAREUR
Current as of 11/02/88 at 14.37.32

Maj Cmd	Sub Cmd	Inst		Project Category	Current Owner	Number of Projects
42	42B					
USAREUR	V Corps					
		GEBHO	Baumhldr MC	AFH	INS	3
				MCA	INS	24
				NAF	INS	2
		GEDAO	Darmstdt MC	AFH	INS	4
				MCA	INS	21
				NAF	INS	1
		GEFDO	Fulda MC	AFH	INS	1
				MCA	INS	26
				NAF	INS	1
		GEFKO	Frankfrt MC	AFH	INS	5
				MCA	INS	26
				NAF	INS	1
		GEGIO	Giessen MC	AFH	INS	5
				MCA	INS	35
				NAF	INS	1
		GECPO	Goeppngn MC	MCA	INS	1
		GEHUO	Hanau MC	AFH	INS	5
				MCA	INS	27
		GEKHO	Bad KreuzMC	AFH	INS	2
				MCA	INS	31
				NAF	INS	1
		GEM2O	Mainz MC	AFH	INS	5
				MCA	INS	32
				NAF	INS	2
		GEWBO	Wiesbadn MC	AFH	INS	4
				MCA	INS	15
		GEWIO	Wildflkn MC	MCA	INS	21
				NAF	INS	3
		GEZ2O	Var MC GE	AFH	INS	1

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MYPLAN Primary and Secondary Userids

Current as of 11/02/88 at 14.37 32

Primary PAX Userids	Command Name	Secondary PAX Userids
ABANDON	Scranton AAP, PA	ABANDON
ACEINST	Location(s) in OCONUS	ACEINST
ADOLPH	Army Material Command (AMC)	ADOLPH ALDOLPH1 SNAKE
AEAENCP	AEAENCP	AEAENCP
AESEENL	Livorno Mil Cmty	AESEENL
AESEENV	Vincenza Mil Cmty	AESEENV
AJCO1B	USARJ	AJCO1B
ALAK	Sierra Army Depot, CA	ALAK
ALASKA6	Fort Richardson, AK	ALASKA6
AMOS	TRADOC	AMOS AMOSHSC AMOS2 DCSPAL MCDTRA1 TRADOC
ANDY5	Fort Rucker, AL	ANDY5
ANTON	Fort Leonard Wood, MO	ANTON VJLWOOD
APHILL	Fort A P Hill, VA	APHILL
ARACOKI	US ARMY GARRISON YONGSAN	ARACOKI
ARLO	Fort Sheridan, IL	ARLO SHERIDAN
ARMYBMD	Army Strategic Defense CMD	ARMYBMD MCDMIS1 MCDMIS2
AUGUST	Fort Knox, KY	AUGUST
BARB	Fort Benjamin Harrison, IN	BARB PJC

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ATTN: CERD-L
ATTN: CERD-M
ATTN: DAEN-ZCI
ATTN: DAEN-ZCP

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